

Amendments to the Specification

Please amend the specification as follows:

Please amend paragraph [0003] as follows:

[0003] There are many systems for providing 911 services to cellular phones. But these systems are not designed to work in Internet Protocol ("IP") or voice over IP ("VoIP") systems. These systems do not have [no] any way to match a location or address to an IP address because an IP address does not have a physical address or telephone number associated with it. Accordingly, there is a need for an IP based 911.

Please amend paragraph [0005] as follows:

[0005] The present invention is applicable to both wireline and IP telephony systems, such as laptop computers, PDAs, etc. The present invention does not rely on a set IP address, so that it will work on virtual networks and with transactional IP addresses. GPS coordinates are cross referenced to the closest physical emergency services. For example, the system may provide four [numbers] or more numbers to the operator (police, fire, poison control, emergency medical services, rescue, etc.). The operator selects the appropriate number and routes the call via the Public Switched Telephone Network ("PSTN") or directly to the IP address. Note that this invention does not require[d] fixed equipment and is primarily designed for stationary or portable voice or IP enabled devices rather than mobile phones. The present invention completes the IP telephony service.

Please delete paragraphs [0013] and [0014] without prejudice.

Please amend paragraph [0016] as follows:

[0016] The 911 IP software 116 monitors the IP enabled device 102, 104, 106 or 108 for one or more emergency criteria, which may include entry of an emergency code, a 911 signal, a panic signal, an emergency activation button, a sensor alarm (e.g., collision, heat, smoke, vital signs, etc.) or an emergency condition specific signal (e.g., fire, police, ambulance, etc.). If the one or more emergency criteria are satisfied, the 911 IP software 116 obtains global

positioning data (e.g., vertical and horizontal coordinates, a longitude, a latitude and an altitude for the IP enabled device 102, 104, 106 or 108) from the GPS component and sends an emergency IP request to the address server 110 via the network (not shown). The emergency IP request is a SIP request or similar message containing the global positioning data.

Please amend paragraph [0017] as follows:

[0017] Once the address server 110 receives the emergency IP request, the address server 110 obtains local emergency services data based on the global positioning data, dials the call center station 114 (e.g., an emergency services operator, etc.) based on the local emergency services data and passes an emergency call from the IP enabled device 102, 104, 106 or 108 to the call center station 114. The address server 110 may also provide[s] a telephone number for one or more local emergency service providers 118, 120, 122, 124 to the call center station 114 based on the local emergency services data. The local emergency service providers may also include an emergency call center, coast guard, military, federal agency or rescue unit. The address server 110 may also provide the global positioning data to the call center station 114.

Please amend paragraph [0019] as follows:

[0019] Referring now to FIGURE 3, a flowchart illustrating the address server 110 (FIGURE 1) process 300 in accordance with one embodiment of the present invention is shown. The address server 110 (FIGURE 1) process 300 starts in block 302 and receives an emergency IP request or SIP request from an IP enabled device 102, 104, 106 or 108 (FIGURE 1) in block 304. The local emergency services data, such as one or more direct dial numbers, is then obtained from the database 112 (FIGURE 1) using data contained in the SIP request, such as the global positioning data, in block 306. The address server 110 (FIGURE 1) then dials a call center station 114 (FIGURE 1) based on the local emergency services data, which may be one of the local emergency service numbers or emergency services operator, in block 308. The emergency call is then passed to the call center station 114 (FIGURE 1) in block 310 and ends in block 312. The address server 110 (FIGURE 1) may also provide[s] a

telephone number for one or more local emergency service providers 118, 120, 122, 124 (FIGURE 1) to the call center station 114 (FIGURE 1) based on the local emergency services data. In addition, the address server 110 (FIGURE 1) may provide the global positioning data to the call center station 114 (FIGURE 1). Note that the address server 110 (FIGURE 1) may continue to monitor the emergency call. The call center station 114 (FIGURE 1) then determines how to handle the emergency call and may route the call to the police 118 (FIGURE 1), fire 120 (FIGURE 1), poison control 122 (FIGURE 1), emergency medical service 124 (FIGURE 1) or other appropriate entity (e.g., coast guard, military, federal agency, rescue unit, etc.). This method can be implemented as a computer program embedded in a computer readable medium wherein the steps are performed by one or more code segments.